

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
1202-CON2-DIV-00SERIAL NO.
10/720,707

APPLICANTS

Daniell and McFadden

FILING DATE

November 24, 2003

GROUP

Not yet known.

1638

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DF	A	5 4 5 1 5 1 3	9/19/95	Maliga et al.	—	—	8/25/93

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DF	B	0 251 654	1/7/88	EPO	—	—	X	
	C	WO 86/03516	6/19/86	PCT	—	—	X	
	D	GB2183660A	6/10/87	UK	—	—	—	—

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DF	E	Bishop, N.G. and Field, R.J., "Improved performance of glyphosate in the full season control of perennial Ryegrass", Aspects of Applied Biology, 363-370 (1983).
	F	Daniell, Henry, "Transformation and Foreign Gene Expression in Plants Mediated by Microprojectile Bombardment", "Methods in Molecular Biology", Vol. 62, pps. 463-489 (1997).
	G	Christou, Paul, "Particle Bombardment Technology for Gene Transfer", Application to Plants, pp., 71-99. Oxford University Press, 1994
	H	Svab et al., "Stable Transformation of Plastids in Higher Plants", Proc. Natl. Acad. Sci., USA 87, 8526-8530. (Nov. 1990)
	I	Chasan, R., "Taming the Plastid Genome", Plant Cell 4(1):1-2, 1/1992.
	J	Medgyesy, P., pp. 307-313, Plant Cell Line Selection, Dix, ed., VCH: Weinheim. (1990)
	K	Herrera-Estrella et al., "Light-Inducible and Chloroplast-Associated Expression of a Chimaeric Gene Introduced into Nicotiana Tabacum Using a Ti Plasmid Vector", Nature 310, 1984, pp. 115-120.

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2/24/05

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DJF	L	Schultz, A., et al., "Genetic Engineering of Herbicide Resistance in Higher Plants", Plant Sciences, Vol. 9, Issue 1, pps. 1-15 (1990).
	M	Boynton, et al., "Chloroplast Transformation in Chlamydomonas with High Velocity Microprojectiles", Science 240: 1534-1538 (1988).
	N	Daniell, H., "Foreign Gene Expression in Chloroplasts of Higher Plants Mediated by Tungsten Particle Bombardment", Methods in Enzymology, Vol. 217, pp. 536-556, (Academic Press, 1993).
	O	Sugita, et al., "Regulation of Gene Expression in Chloroplast of Higher Plants", Plant Molecular Biology, 32, pp. 315-326, 1996.
	P	DeBlock et al., "Chloroplast Transformation by Agrobacterium Tumefaciens", EMBO J. 4(6): 1367-1372, 1985.
	Q	Link, G., "Photoregulated Development of Chloroplasts", Cell Culture and Somatic Cell Genetics of Plants, Vol. 7B., pp. 365-394, (Academic Press, Inc., 1991).
	R	Bradley et al., "Multinational Analysis of the Maize Chloroplast ATPase- β Subunit Gene Promoter: The Isolation of Promoted Mutants in E. coli and their Characterization in a Chloroplast <i>in vitro</i> Transcription System", EMBO J., 4, No. 13B, 3641-3648, 1985.
✓	S	Overbeeke et al., "Cloning of <i>Petunia Hybrida</i> Chloroplast DNA Sequences Capable of Autonomous Replication in Yeast", Plant. Mol. Biol. 3:235-241, 1984.

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D. J. F.

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	T	Daniell, et al., "Transient Foreign Gene Expression in Chloroplasts of Cultured Tobacco Cells After Biolistic Delivery of Chloroplast Vectors", Proc. Natl. Acad. Sci. USA 87, pp. 88-92., Jan. 1990.
	U	Overbeeke et al., Cloning of <i>Petunia Hybrida</i> Chloroplast DNA Sequence Capable of Autonomous Replication in Yeast", Plant Mol. Biol., 3: 235-241 (1984).
	V	Klein et al., "High-Velocity Microprojectiles for Delivering Nucleic Acids into Living Cells", Nature 327: pp. 70-73, May 1987.
	W	Houwink et al., "Isolation of Autonomously Replicating Sequences (ARS's) From <i>PETUNIA HYBRIDA</i> Chloroplast DNA": A First Step in the Construction of Plant Cell Organelle Vectors", Progress in Industrial Microbiology 20, pp. 461-468, 1984.
	X	Ye, et al., "Optimization of Delivery of Foreign DNA into Higher-Plant Chloroplast", Plant Mol. Biology, Vol. 15, pp. 809-819, 1990
	Y	Johnson, et al. "Mitochondrial Transformation in Yeast by Bombardment with Microprojectiles", Science, Vol. 240, pp. 1538-1541, June 1988.
	Z	Blowers, et al. "Studies on <i>Chlamydomonas</i> Chloroplast Transformation: Foreign DNA Can be Stably Maintained in the Chromosome", The Plant Cell, Vol. 1, pp. 123-132, January 1989.

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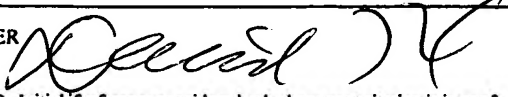
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	AA	Medgyesy et al., "Interspecific Chloroplast Recombination in a <i>Nicotiana</i> Somatic Hybrid", Proc. Natl. Acad. Sci. USA, Vol. 82, pp. 6960-6964, October 1985.
	AB	Mecker, et al., "Localization of Replication Origins in PEA Chloroplast DNA", Molecular and Cellular Biology, Vol. 8, No. 3, pp. 1216-1223, March 1988.
	AC	Nagley, et al., "Leading Organellar Proteins Along New Pathways: The Relocation of Mitochondrial and Chloroplast Genes to the Nucleus, TIBS 14 pp. 31-35, January 1989.
	AD	Hanley-Bowdoin, et al., "Chloroplast Promoters", TIBS 12, pp. 67-70, February 1987.
	AE	H. Lorz, "Isolated Cell Organelles and Subprotoplast: Their roles in Somatic Cell Genetics", Plant Genetic Engineering (Cambridge University Press), 4: 27-59.
	AF	Daniell, et al., "Uptake and Expression of Bacterial and Cyanobacterial Genes by Isolated Cucumber Etioplasts", Proc. Natl. Acad. Sci. USA, Vol 84 pp 6349-6353, September 1987.

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